**Some ideas of how Geography can contribute to developing the Core National Curriculum.**

**Idea 3**

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|  | **English** | **Maths** | **Science** |
| **KS1** | **Writing narratives**: Stories of children from different cultures. Photo walks,  **Writing about real events**: Extreme weather events. Natural disasters. Current events and news reports,  **Writing poetry**: Seasons, Rivers.  **Writing for different purpose**: Post cards from around the world, travel diary, story board of a geographical event, writing instructions, recounts, letters, | **Number** (addition, subtraction, multiplication, division).  More than less than, recognising numbers units, tens, hundreds etc.,  **Measurement**: Measuring the playground, classroom and produce a simple scaled map.  **Properties and shape**: Patterns on maps  **Position and direction**. Co-ordinates, Directional and positional language through local walk, treasure hunt or photo trail etc.  **Statistics**: Surveys of geographical places and feature. Tally charts and bar charts. Weather pictograms. | **Working scientifically**: Using data loggers to collect informations. Geographical enquiry (ask questions, make observations, collect and record data, form conclusions).  **Plants**: Life cycles, Pollution, Soils erosion  **Animals and humans**: , Mini-beast investigations,  **Everyday materials**: Sort materials into physical and human features,  **Seasonal Change**: Track weather changes using simple weather equipment and data loggers, seasonal changes in vegetation patterns, hot and cold climates, |
| **KS2** | **Composition** (Plan, draft & write, evaluate and edit, proof reading). Persuasive writing (choosing where to life, a new location for a supermarket, or writing about alternative power etc.)  **Types of writing** (Instructions, leaflets, letters, persuasive, chronological and non-chronological reports, story writing and poetry): Travel diary, Writing in role (raindrop, leaf, person etc.), River poem, narrative of a journey to the centre of earth, Non-fiction writing (A report on a country. Holiday leaflet centred on a place, letters to pen pals, writing a film script about a place and noting specific settings. Fieldwork reports. | **Numbe**r (addition, subtraction, multiplication, division, fractions, decimals, %, and ratio).  **Measurement**: Fieldwork, Map work, Measuring distances on routes, scale, distance on maps, following a route on a map.  **Properties and shape**: Patterns on maps. 2D & 3D maps and plans, Geo tagging and using GPS data to draw shapes in the environment,  **Position and direction**: Latitude and Longitude, co-ordinates, Planning and following routes,  **Statistics**: Survey data, annual population figures, Statistics on relating to photographs and map. Data handling (Pie charts, line graphs, histograms etc.), Interpreting weather, population, mineral maps etc. .Using statistical data in atlases. | **Working scientifically**: Geographical enquiry (ask questions, make observations, collect and record data, analyse and interpret data, form conclusions)  **Plants**: Climate/ vegetation maps  **Animals**: Habitats hot , cold, (mountain, tropical, deserts and polar regions)  **Rocks:** Volcanic, sedimentary, Igneous, metamorphic, rocks etc.. Erosion, transportations and deposition, physical feature and rock type.  **Ligh**t: Time Zones: Time Zone map of world.  **Forces**: Wind, river and Ice erosion.  **Habitat**s: Desert, Tropical, Polar and mountainous etc.  **Materials**: Use of sustainable materials and the process of recycling.  **Sound**: Noise pollution  **Electricity**: Alternative and renewable energies.  **Evolutio**n: The development of continents and oceans and climate on living things.  **Earth and Space**: Day and night, ocean currents and tidal areas. |